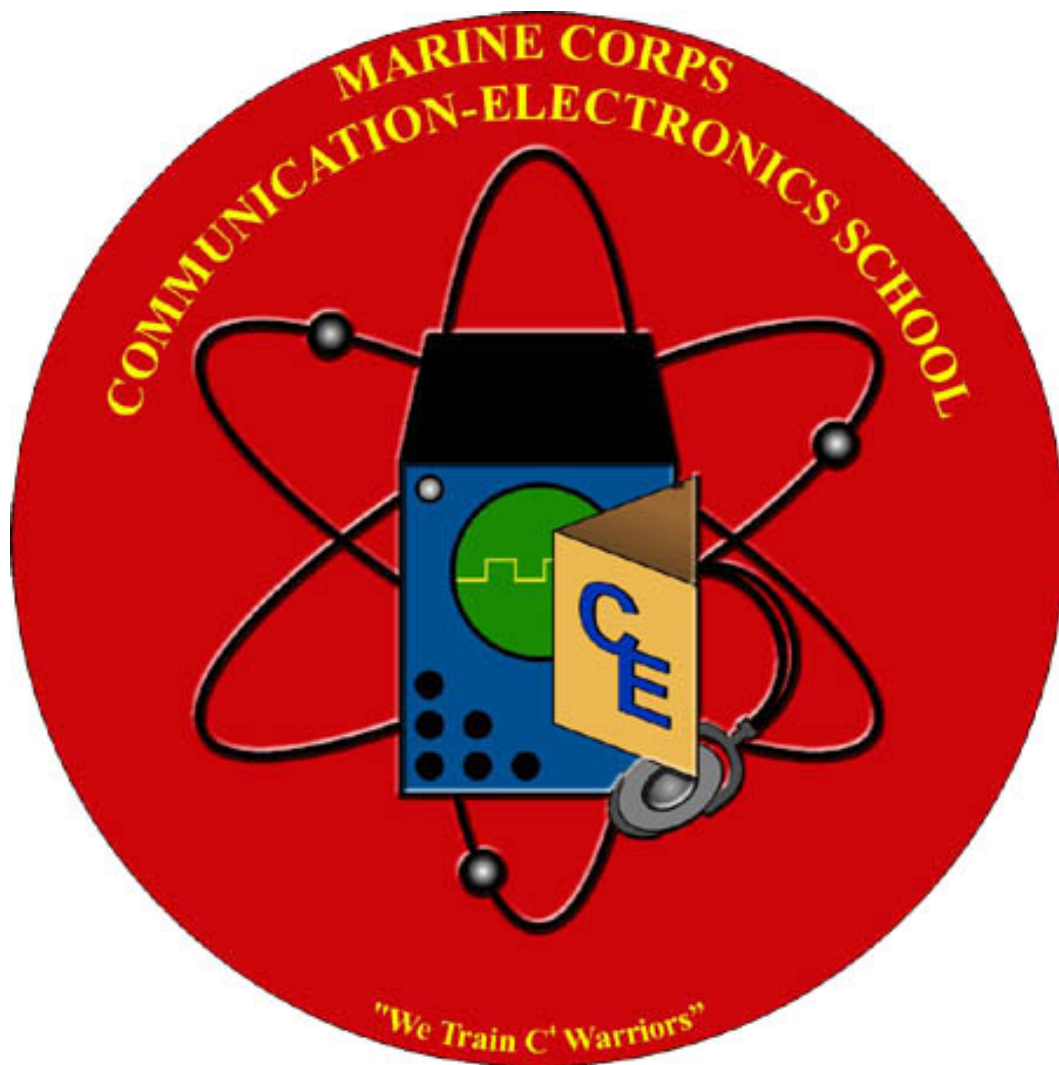


*ROAD TO SUCCESS FOR THE
5942*



DRAFT

Aviation Radar Repairers install, test, adjust, and provide organizational maintenance on the AN/TPS-63B, An/TPS-59 (V) 3, and associated Identification Friend or Foe (IFF) equipment of the TAOC. MOS Manual Pg no. 3-313

Related Military Skill: Aviation Radar Technician 5948 The APC is the determining factor regarding lateral moves into the field.

MCO 1510.126 Individual Training Standards for Occupational field 59.

This roadmap demonstrates that Marines graduating with MOS designators of 5942 can achieve an Associates Degree within their first four-year enlistment. See your Base Education Office for college credits awarded via ACE accreditation for military schools and MCI courses. These credits may be used for your major area of study, if applicable, or as electives towards a degree. Upon graduation of MOS school, these Marines receive briefs on additional MOS courses, MCIs, PME, and college courses. The Marine's new command should support, enforce and realign this road map as necessary.



Private thru Lance Corporal



_____ 1st Year _____

MOS TRAINING

- ◆ Complete Recruit Training
- ◆ Complete MCT
- ◆ Complete Basic Electronics Course (51 training days)
- ◆ Complete MOS School- 5942 Aviation Radar Repair (87 days)
- ◆ Complete MATMEP at level I/II

PME

- ◆ Tan Belt MCMAP

VOLUNTARY EDUCATION

- ◆ At this stage the Marine should be focused on the completion of all entry level training pertaining to his/her MOS; prior to assignment to an operational unit or supporting establishment.

2nd Year

MOS TRAINING

- ◆ Combat Ready Individual skills
- ◆ Continue MATMEP level II until complete.
- ◆ Take and complete 0440 MIMMS MCI
- ◆ Complete 142 Marine Electrician, 0416 MCPDS, 2568 (AN/CYZ-10) MCIs

PME

- ◆ Complete fundamentals of Marine Corps Leadership (MCI 03.3)
- ◆ Complete Personal Finance (MCI 3420)
- ◆ Complete Terrorism Awareness for Marines (MCI 0210)
- ◆ Complete Basic Nutrition (MCI 3316)
- ◆ Grey Belt MCMAF
- ◆ Complete all of the following online courses at
<http://www.marinenet.usmc.mil/portal/>:
- ◆ IA Awareness (annual requirement)
- ◆ ORM: Indoctrination
- ◆ ORM: Refresher (annual requirement)

VOLUNTARY EDUCATION

- ◆ During the check in process at the duty assignment the Marine should see the Base Education Office for off-duty education counseling. The counseling may include determination of college credit awarded via ACE accreditation for formal schools completed, and counseling on various MOS related AA degrees available.
- ◆ Complete SOCMAR agreement after credits accepted from SMART and required number of courses completed at the local college or on-line school of choice.
- ◆ Currently, there is no apprenticeship program available
- ◆ Start taking basic college courses with the intent of working toward Associates Degree.

CAREER PROGRESSION/BROADENING

- ◆ The Marine is assigned to duties that are commensurate with the training received at the formal schools.

3rd Year

MOS TRAINING

- ◆ Continue MATMEP level II/III until complete
- ◆ Complete 1142 Solid State Devices, and 2820 Electronics Math MCIs
- ◆ Attend regional maintenance administration course; recommended for MIMMS, SASSY, and ATLASS II+ training.

PME

- ◆ Complete Principles of Instruction for the Marine NCO (MCI001)
- ◆ Read 2 books from the Commandants Reading List
- ◆ Green Belt MCMAP

VOLUNTARY EDUCATION

- ◆ Continue taking college courses with the intent of achieving an Associates Degree in chosen field of study.

CAREER PROGRESSION/BROADENING

- ◆ Attend HMMWV/ 7 ton / Generator licenses courses
- ◆ Recommend review for subsequent courses to complete from the online courses at <http://www.marinenet.usmc.mil/portal/>

Corporal



MOS TRAINING

- ◆ Continue MATMEP Level III until complete.
- ◆ Complete Intro to Test Equipment (MCI 287)

PME

- ◆ Complete the in-grade requirements for assignment to the local Corporals Course.
- ◆ Upon completion of in-grade PME requirements enroll in the 8010 Series MCI (Sgts Dist. Education Program).
- ◆ Continue reading books from the Commandants Reading List Program

VOLUNTARY EDUCATION

- ◆ Continue with the appropriate courses in the major chosen or the electives required to achieve an AA degree.

CAREER PROGRESSION/BROADENING

- ◆ Apply for Officers Programs, if desired (MECEP, ECP, BOOST).
- ◆ Recommend review for subsequent courses to complete from the online courses at <http://www.marinenet.usmc.mil/portal/>



Sergeant

5428 Aviation Radar Technicians

5428 Aviation Radar Technicians site, install, inspect, test, maintain, and repair the TAOC radars, and associated IFF equipment. MOS Manual Pg no. 3-314

MOS TRAINING

- ◆ Complete MATMEP Level III/IV
- ◆ Re-Enlist and return to Marine Corps Communications-Electronics School for follow-on training.
 - ◆ Complete Electronics Technology Course (90 training days)
 - ◆ Complete MOS School (5948) Radar Technicians Course (166 training days; newly approved POI)
- ◆ Begin MATMEP Level I/II as 5948 until complete
- ◆ Complete MCI 0414 Ground Maint Management Procedures, and MCI 2526 Intro to Electronic Warfare.

PME

- ◆ Attend Resident Sergeant's Course
- ◆ Complete 8010 Sergeants Distance Education Program (SDEP) MCI series
- ◆ Enroll in 7100 (SNCO Career Distance Education Program)
- ◆ Continue reading books from the Commandants Reading List Program
- ◆ Green Belt MCMAP

VOLUNTARY EDUCATION

- ◆ Continue with appropriate courses in the major chosen or electives required to achieve an AA degree.

CAREER PROGRESSION/BROADENING

- ◆ Submit WO package if desired (Must meet minimum requirements).
- ◆ Apply for Officers Programs, if desired (MECEP, ECP, BOOST).
- ◆ Explore assignment to "B" Billet or Independent Duty
- ◆ Recommend review for subsequent courses to complete from the online courses at <http://www.marinenet.usmc.mil/portal/>

Staff Sergeant



MOS TRAINING

- ◆ Continue MATMEP Level II/III until complete
- ◆ Complete additional MCI (2525 Communication Security).

PME

- ◆ Attend SNCO Career Course
- ◆ Complete 7100 SNCO Career Distance Education Program (SNCOCADEP) MCI series
- ◆ Enroll in 8200 SNCO Advanced Distance Education Program (SNCOADEP) MCI series
- ◆ Continue reading books from the Commandants Reading List Program
- ◆ •Brown Belt MCMAP

VOLUNTARY EDUCATION

- ◆ Test out of MASP (If required)
- ◆ Continue towards Bachelors Degree in field of study. Apply for SNCO Degree Completion Program, if desired.

CAREER PROGRESSION/BROADENING

- ◆ Submit WO package if desired (Must meet minimum requirements).
- ◆ Explore assignment to “B” Billet or Independent Duty
- ◆ Seek out instructor duty at MCCES

Gunnery Sergeant



MOS TRAINING

- ◆ Complete MATMEP Level III/IV
- ◆ Serve as Radar Maintenance Chief.

PME

- ◆ Attend SNCO Advanced Career Course
- ◆ Complete 8200 SNCO Advanced Distance Education Program
- ◆ Enroll in 7400 War Fighting Skills Program MCI series

- ◆ Continue reading books from the Commandants Reading List Program
- ◆ Black Belt MCMAP

VOLUNTARY EDUCATION

- ◆ Continue towards or complete Bachelors Degree
- ◆ Apply for SNCO Degree Completion Program, if desired

CAREER PROGRESSION/BROADENING

- ◆ Submit WO package if desired (must meet minimum requirements).
- ◆ Explore assignment to “B” Billet or Independent Duty
- ◆ Seek instructor duty at MCCES

Master Sergeant



MOS

- ◆ Attend MOS Subject Matter Expert Conferences.

PME

- ◆ Attend E-8 Seminar
- ◆ Complete 8510 Series MCI (Expeditionary Warfare School, Phase I)
- ◆ Continue reading books from the Commandants Reading List Program

VOLUNTARY EDUCATION

- ◆ Complete Bachelors Degree/continue on for Masters Degree

CAREER PROGRESSION/BROADENING

- ◆ Seek senior instructor billet at MCCES.

Master Gunnery Sergeant



5993 Electronics maintenance Chief

Supervises and instruct enlisted personnel in the performance of electronics maintenance functions associated with aviation radar nits, and assist the radar maintenance officer in supporting the radar maintenance shop both administratively and logistically. MOS

Manual Pg no. 3-327

Related DOT Classification/DOT Code

(1) Supervisor, electronics Systems maintenance 828.161-010

Related MOS skill: Air traffic Control Systems Maintenance Chief, 5959

MOS TRAINING

- ◆ Attend MOS Subject Matter Expert Conferences
- ◆ Attend annual formal Course Content Review Boards (CCRBs)
- ◆ Attend 5900 Working Committees, and BMAD's conference
- ◆ Serve as S-6 Chief at MACG's, Wings, MEF's, MACS units, MCCES, NATCC, and APC

PME

- ◆ Complete additional MCIs (8600 Expeditionary Warfare DEP Phase II)
- ◆ Continue reading books from the Commandants Reading List Program
- ◆ Attend Russell Leadership Conference

VOLUNTARY EDUCATION

- ◆ Continue on or complete Masters Degree

COLLEGES AND UNIVERSITIES BY GEOGRAPHICAL AREA

MCB Quantico, VA and surrounding areas

American Military University
9104 Manassas Dr Ste P
Manassas, VA 20111-5211
(703) 330-5398

George Mason University
4400 University Dr
Fairfax, VA 22030-4444
(703) 993-2011

Northern Virginia Community College
15200 Neabsco Rd
Woodbridge, VA 22191
4006
(703) 878-5700

Park College
Hendrsn Hall
Arlington, VA 22201
(703) 486-8666

University of Oklahoma
3098 Range Rd
Quantico, VA 22134-5126
(703) 630-9713

Central Michigan University
6001 3rd St
Fort Belvoir, VA 22060-5503
(703) 360-5336

National University
1008 N Randolph St
Arlington, VA 22201-4657
(703) 527-4800

Old Dominion University
15200 Neabsco Mills Rd
Woodbridge, VA 22191-
(703) 580-0919

Strayer University
2853 PS Business Center D # D
Woodbridge, VA 22192-4226
(703) 878-2800

MCB Camp Pendleton and surrounding area

Associated Technical College San Diego
1445 6th Ave
San Diego, CA 92101-3204
(619) 234-2181

Chapman University
7460 Mission Valley Rd
San Diego, CA 92108-4406
(619) 296-8660

National University
7787 Alvarado Rd
La Mesa, CA 91941-3643
(619) 337-7500

Central Texas College
4250 Pacific Hwy

Coleman College
7380 Parkway Dr
La Mesa, CA 91942-1500
(619) 465-3990

Southern Illinois University
32D Street
San Diego, CA 92136
(619) 238-4742

San Diego Community College Dist
1313 12th Ave
San Diego, CA 92101-4712

San Diego State University
San Diego, CA 92182-0001
(619) 283-7378

Camp Lejeune and surrounding area

Boston University Consolidated Education Center
University
Camp Lejeune, NC 28547
(910) 355-2999

North Carolina Campell

Camp Lejeune, NC 28547
(910) 451-3097

Brunswick Technical College
50 College Rd NE
Shallotte, NC 28459
(910) 754-6900

Central Michigan University
Knox St
Fort Bragg, NC 28307
(910) 497-2065

Central Texas College
College
3571 Bl 1
Fort Bragg, NC 28307
(910) 497-2749

Coastal Carolina Community

444 Western Blvd
Jacksonville, NC 28546-6816
(910) 938-6332

Webster University
Naval Hospital
Camp Lejeune, NC 28547
(910) 451-4407

Hawaii

Central Michigan University
116 Hekili St Ste 20
Kailua, HI 96734-2847
(808) 262-5696

Central Texas College
Bldg 560 Fl 2nd
Kailua, HI 96734-2847
(808) 262-5696

Chaminade University of Hawaii
Technology
3140 Waialae Ave
Honolulu, HI 96816-1578
(808) 735-4711

Devry Institute of

Kaneohe, HI 96744
(808) 235-5686

Hawaii Community College

Oregon State University

200 West Kawili Street
Hilo, HI 96720
(808) 974-7311

59-810 Kamehameha Hwy
Haleiwa, HI 96712-9406
(808) 638-5304

Pacific Southern University
500 Ala Moana Blvd Ste 40
Honolulu, HI 96813-4920
(808) 534-0186

University of Hawaii
Honolulu, HI 96801
(808) 956-8111

Wayland Baptist University Hawaii
College
McAs
Kailua, HI 96734
(808) 254-6264

Windward Community
45-720 Keaahala Rd
Kaneohe, HI 96744-3598
(808) 235-0077

Yuma

Central Arizona College
8470 N Overfield Rd
Casa Grande, AZ 85222
(520) 426-4444

Chapman University
3200 Davis Monthan AFB
Tucson, AZ 85707
(520) 745-6324

Interstate Career College
200 W 24th St
Yuma, AZ 85364-8553
(520) 782-7300

Park College
Tucson, AZ 85707
(520) 748-8266

Southern Illinois University School of Technical Car
2 MCAS
Yuma, AZ 85369
(520) 726-7170

Webster University
850 MCAS
Yuma, AZ 85369
(520) 726-6572

Twentynine Palms

Copper Mtn Community College
29 Palms, CA 92277
(760) 367-3591

College of the Desert
43500 Monterey Ave.
Palm Desert, CA 92211
(760) 346-8041

Chapman university
29 Palms, CA 92277
(760) 830-6681

Okinawa

(Includes campuses on all Marine Corps Camps as well as Kadena AFB, and Tori Station)

Central Texas College - Pacific Far East Campus (includes distance Learning and Associate degrees).

Michigan State University - Okinawa- Offers general and contact information for MSU College of Human Ecology's Master of Science in Community Services Program. Also available are online forms, TOEFL information, an academic calendar and FAQs.

Okinawa Christian Junior College - Includes college overview, departments of English, early childhood care and education, library, campus life and calendar, history, and location.

University Of Maryland Graduate Program – Okinawa - Offers information on admission requirements, course descriptions, and the required curriculum for a Master of Education and a Master of Arts in Counseling and Personnel Services. Contact information is also available.

University of Maryland University College – Okinawa - Offers information, course descriptions, syllabi and term schedules for UMUC classes on Okinawa. Also, offers online placement testing and contact information.

Civilian Vendor Training

DNS & Bind (MenandMice.com)

DNS & Bind Security (MenandMice.com)

Internet Information Server

Building Cisco Multi-Switching Networks (BCMSN)

Building Cisco Remote Access Networks (BCRAN)

Building Scalable Cisco Internetworks (BSCI)

Installation and Maintenance of Cisco Routers (IMCR)

Interconnecting Cisco Network Devices (ICND)

Cisco Internetwork Troubleshooting (CIT)

Cisco QoS

Cisco Secure Intrusion Detection System (CSIDS)

Cisco Voice over IP, ATM, and Frame Relay

Configuring BGP on Cisco Routers (CBCR)

Managing CISCO Network Security (MCNS)

Multi-Protocol Layer Switching

WAN protocols

CyberGuard Firewall Security Administrator

CyberGuard Firewall Security Officer

CyberGuard VPN Administration

Promina Hardware & Maintenance

Promina Operation & Configuration

Track 1: SANS Security Essentials Bootcamp
Track 4: Hacker Techniques, Exploits and Incident Handling
Track 5: Securing Windows
Track 6: Securing UNIX Systems
Migrating to Windows 200x
Windows 200x Analysis
Windows 200x Professional
Windows 200x Security
Windows 200x Server
Windows 200x Troubleshooting
Windows Directory Services
Windows Exchange 200x
Windows Network Configuration
Design Active Directory
Enhanced Position Location Reporting System (EPLRS)

Additional Training sources and recommendations

MARINET	www.marinenet.usmc.mil/portal
MCCDC	https://www.mccdc.usmc.mil
Training & Education Command	www.tecom.usmc.mil
Marine Corps University	www.mcu.usmc.mil
MCI	www.mci.usmc.mil
Navy Online Training	https://www.cnet.navy.mil https://www.nko.navy.mil www.navylearning.navy.mil
NETPDTC	https://www.courses.cnet.navy.mil
Navy Advancement Center	https://www.advancement.cnet.navy.mil